

IN THE CLAIMS:

Please cancel claims 1-32, all of the claims set forth in the specification of the application as filed, without prejudice.

Please add new claims 33-39, as follows:

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33. A method of selectively precipitating arsenic from a solution containing copper, ferric iron and ferrous iron whilst minimising copper losses which includes the steps of:

- (a) introducing an acidic solution containing arsenic(V), copper, ferric iron and ferrous iron in succession into each of a series of continuously stirred tank reactors;
- (b) adjusting the pH of the solution in each of said tank reactors and adding air to the solution to oxidise a portion of the ferrous iron to ferric iron and heating the solution to an elevated temperature to increase the rate of ferric arsenate precipitation and to minimise copper co-precipitation;
- (c) recycling a portion of selectively precipitated ferric arsenate compounds exiting a final tank in the series to a first tank in the series;
- (d) seeding the solution with ferric arsenate compounds to provide seeds for enhanced crystalline formation; and
- (e) maintaining the pH of the solution in a second tank in the series at a pH of about 1.5 and selectively precipitating ferric arsenate compounds from the seeded aqueous solution with a first calcium-containing neutralising agent.

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34. The method according to claim 33 wherein the molar ratio of iron to arsenic of the solution is at least 1.

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35. The method according to claim 33 wherein the elevated temperature in step (b) is above 60°C and below 100°C.

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36. The method according claim 33 wherein steps (a) through (e) are conducted at atmospheric pressure.

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37. The method according to claim 33 wherein the first neutralising agent used in step (e) is limestone.

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38. The method according to claim 33 further including the steps of maintaining the pH of the solution in a third tank in the series at a pH of about 1.9 and selectively precipitating ferric arsenate compounds from the solution with a second calcium-containing neutralising agent.

14/
39. The method according to claim 38 wherein the second neutralising agent is limestone.

IN THE ABSTRACT:

Please add the Abstract of the Disclosure as set forth on the separate accompanying sheet.